

10/583066

SEQUENCE LISTING 4820 Rec'd PCT/PTO 15 JUN 2006

<110> Korpela, Timo

<120> Proteins inducing multiple resistance of plants to phytopathogens and pests

<130> Korpela MF3

<160> 6

<170> PatentIn version 3.2

<210> 1

<211> 161

<212> PRT

<213> Pseudomonas fluorescence strain 197

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Val Tyr Leu Gln Gly Ala Gly Asn Ile Ile Pro Gly Leu Glu Lys Ala  
35 40 45

Leu Glu Gly Lys Ala Val Gly Asp Asp Leu Glu Val Ala Val Glu Pro  
50 55 60

Glu Asp Ala Tyr Gly Glu Tyr Ala Ala Glu Leu Val Ser Thr Leu Ser  
65 70 75 80

Arg Ser Met Phe Glu Gly Val Asp Glu Leu Glu Val Gly Met Gln Phe  
85 90 95

His Ala Ser Ala Pro Asp Gly Gln Met Gln Ile Val Thr Ile Ala Asp  
100 105 110

Leu Asp Gly Asp Asp Val Thr Val Asp Gly Asn His Pro Leu Ala Gly  
115 120 125

Gln Arg Leu Asn Phe Lys Val Lys Ile Val Asp Ile Arg Asp Ala Ser  
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Gln Glu Glu Ile Ala His Gly His Val His Gly Glu Gly Gly His His  
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His

korpela MF3.ST25

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<212> DNA

<213> pseudomonas fluorescence strain 197

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gatggcaacc accctctggc cggtcagcgc ctgaacttca aggttaagat cgttgatatc 420  
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Ala Val Glu Pro Glu Asp Ala Tyr Gly Glu Tyr Ala Ala Glu Leu Val  
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Ser Thr Leu Ser Arg Ser Met Phe Glu  
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Met Gln Ile Val Thr Ile Ala Asp Leu Asp Gly Asp Asp Val Thr Val  
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Asp Gly Asn His Pro Leu Ala Gly Gln Arg Leu Asn Phe Lys Val Lys  
20 25 30

korpela MF3.ST25

Ile Val Asp Ile Arg Asp Ala Ser Gln Glu Glu Ile Ala  
35 40 45

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